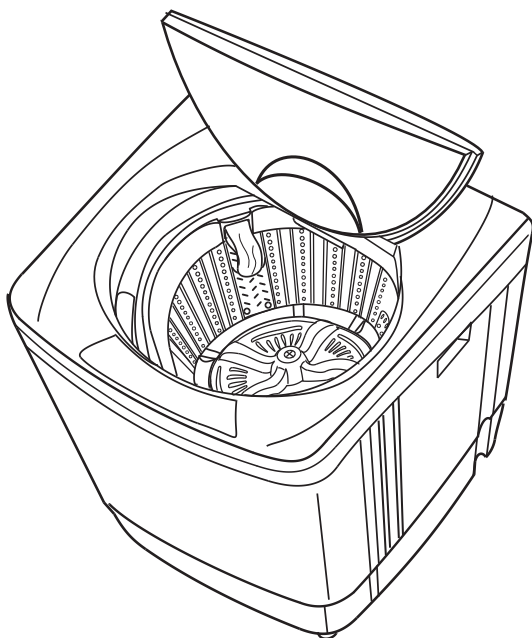


SERVICE MANUAL



Models

XQB50-10

● Features

- 10 minutes QUICK WASH program, 4 water level
- Spray current
- Full plastic cabinet, never rusts

Contents

1. Contents	1
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Features

- **Brand new appearance:**

The model is novel and nice, with full streamline curving shape to make the whole unit compact in structure.

- **Music prompting:** It adopts the nationally originated music buzzer, which will prompt you the current mode during washing with sweet music.

- **Low vibration and low noise:** the low noise retarder clutch, motor and mute drain motor, and the advanced air damping system can guarantee the washing machine operating under low vibration and noise.

- **Automatic power-off function:** If the washing machine is not started after the power is switched on, or the washing is finished, the power will be switched off automatically after 5 minutes for the sake of safety.

- **Alarm against breakdown:** the washing machine will alarm with abnormal display and buzzer when the drain hose is not put down, or when top lid is open, or the laundries are slanting during automatic program or spinning, or when the imbalance can not be revised.

- **Automatic imbalance-revising function:** during spinning, if the laundries are slanting and bumping the tub, the washing machine will add one rinse automatically to revise the imbalance.

- **10-minute quick wash program (suitable for laundries less than 2.0kg):** please select this program to wash laundries with light dirt. This program only costs 10 minutes for the whole washing procedure from water inlet, wash, rinse to spin.

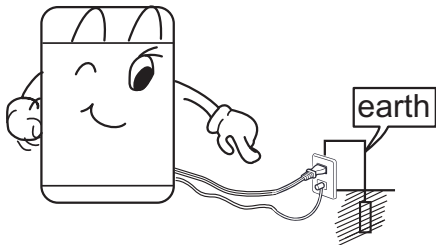
- **4-water level selection:** This machine offers 4 water level selection with lowest 20L level. It can offer water levels corresponding laundries from below 1.0kg to 5.0kg. It can save more water.

Specifications

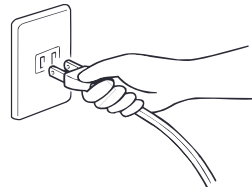
Model		
New Model		XQB50-10
Free standing		✓
Built under		□
EAN code		6901570056449
Energy efficiency class		□
Features for use		
Wash capacity	kg	5
Spin capacity	kg	5
Preset	H	✓
Residual dampness	%	<115%
Contra l model		
contraller		□
Normal computerized		✓
Fuzzy computerized		□
Frequency conversion		□
Service features		
Programs		6
Short cycle		✓
Inlet heating select		✓
Heating selection		□
Spinning cycle (selector)		□
Spinning cycle (variable)		□
Start/Pause		✓
Automatic balancing		✓
Aesthetics		F
Drain type		directly drain (drain down)
Door (glass=g / plastic=p)		—
Adjustable feet		✓
Desiccation		
Air-dry		□
Drying		□
Technical data		
Voltage/frequency	V/Hz	110v 60Hz
Water consumption	L	117
Wash power	W	380
Spin power	W	250
Special function		□
Air-Bubble		□
Feet wheel		□
Water fall current		□
Dimensions (measurements)		
Height / built under	mm	890
Width	mm	520
Depth / with open door	mm	520
Dimensions packed (measurements packed)		
Height	mm	970
Width	mm	586
Depth	mm	586
Net weight	kg	25
Gross weight	kg	29
20'Container load	Sets	80
40 Container load	Sets	160
40H Container load	Sets	160

Safety precautions

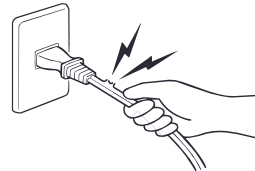
Please plug the plug on special 110V AC receptacle. Please guarantee that the earthing wire is ear-thed reliably.



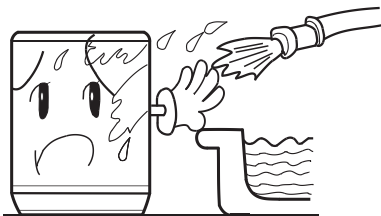
The power cord plug should be convenient to be plugged in or plugged out with hand while the washing machine runs normally. Be sure to pull the plug out and close the water tap when the machine is idle, when moving the machine, or when cleaning the machine. Do not use wet hand to insert or pull out the power plug.



- Do not bend ,extend,twist,bind by force.Do not press or nip it with weight.
- Keep the pin of the power plug clean,if the power plug is polluted with dust, please wipe with dry cloth carefully.



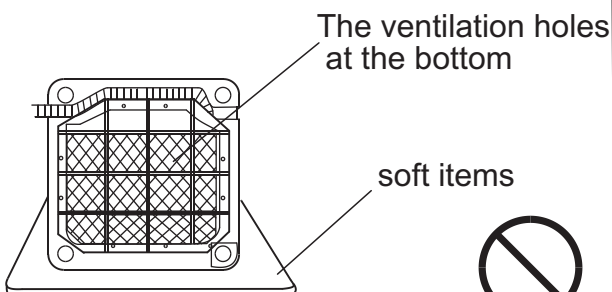
Do not put the machine at damp place like the bathroom. Never wash it with water. Do Not put wet laundries on the control panel.



Do not use water hotter above 50°C .



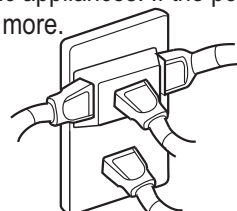
In case the washing machine is installed on ground with carpet, do not block the ventilation hole with carpet.



Do not wash water-proof laundries like the raincoat, bike covers etc. to avoid abnormal vibrations in spinning.



Do not let the machine share one receptacle with other electric appliances. If the power plug is damaged, or the plugging into the receptacle is loose, do not use the plug any more.

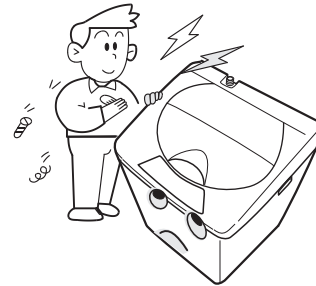


Warning and cautions

Do not stretch hands into the working machine. It is dangerous even if the rotation is slow. Take special care of the children. Do not let the children climb the washing machine.



Do not decompose, repair or alter the machine by yourself.



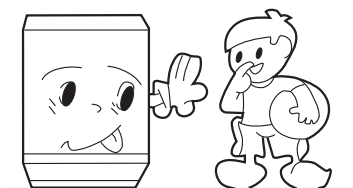
Do not put any hot or heavy items (such as the kettle with hot water) on the washing machine.



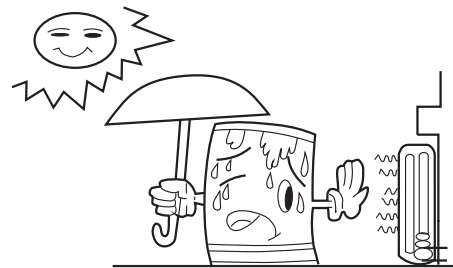
Do not wash laundries with volatile materials (such as thinner, petrol etc.)



The handicapped or children without care shall not use the machine.



Keep the machine away from direct sunlight and heat source like the heater.

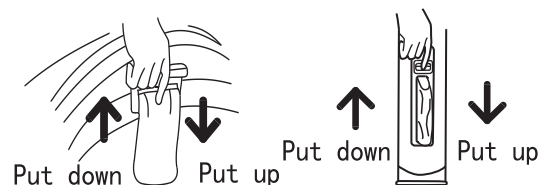


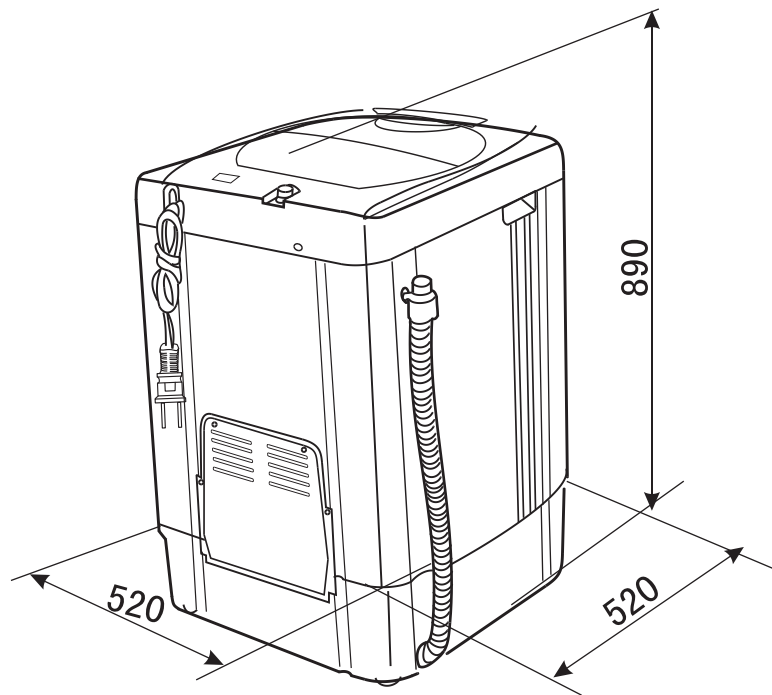
To prevent your laundries and washing machine from damage, be sure to take out all of the foreign materials from your pocket, such as coins, buttons, sand or hairpins etc.



- Before washing, please check if the water tap is open, and if the water inlet pipe is connected properly.
- It is suggested to use low-foaming washing powder

To prevent the lint in the tub from blocking the cascade outlet and influencing the cascade effect, please keep the lint filter in good condition, and install it to proper position during washing.





Unit (mm)

Figure 1

INSTALLATION AND ACCESSORY PARTS

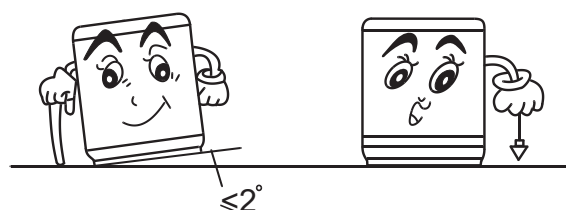
Please install and adjust the washing machine according to the requirement of this manual. It is important for user's safe and proper using the machine.

Adjust the installation position

The distance of washing machine to wall should be longer than 20mm. The largest allowed slope of the base of the machine is 2° . The slanting or rough ground will result in unstable running or stoppage of the machine. Please adjust it with following methods:

- **Confirm it's horizontal:**

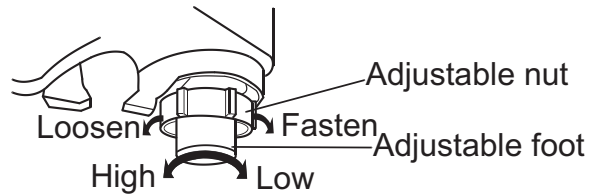
Hang the lead line to confirm if it is horizontal.



INSTALLATION AND ACCESSORY PARTS

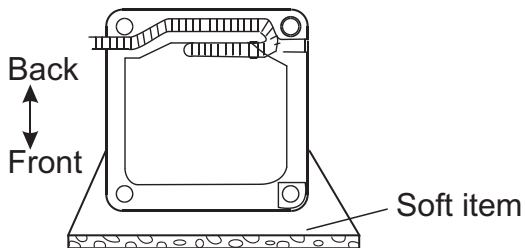
● Adjust the adjustable foot:

1. To twist the adjustable foot, please first lift up the side of the foot slightly, loosen the adjustable nut, and twist the foot.
2. Fasten the nut after adjustment.

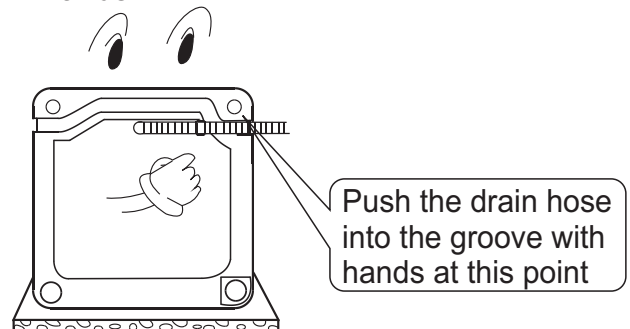


How to change the direction of the drain hose

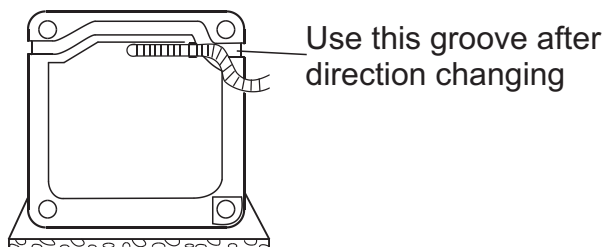
1. Lean the machine down gently with the front surface facing the ground.



3. Extend the drain hose from the left side. Push the drain hose into the groove with hands.



2. Pull out the drain hose from the right side groove.

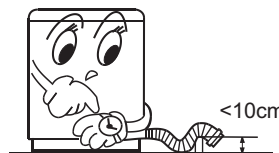


INSTALLATION AND ACCESSORY PARTS

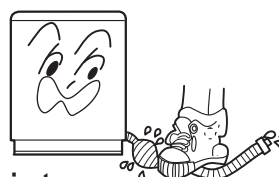
Usage of the drain hose

The drainage shall be smooth with the drain hose.

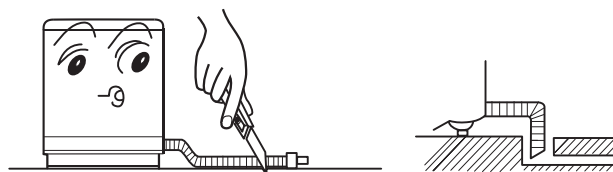
1. The height of the drain hose shall be less than 10cm, or the drainage will not be smooth enough and cause incomplete drainage.



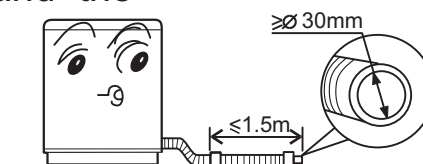
2. Do not tramp or press the drain hose.



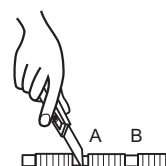
3. If the drain hose is too long, cut it at mid point.
To make smooth drainage, cut the front end of the hose slantingly.



4. If extra drain hose is needed, please make separate purchase. The inner diameter of the extra hose shall not less than 40mm, and the length shall not exceed 1.5m.



If the extra hose is too long, cut it either at point A or B.



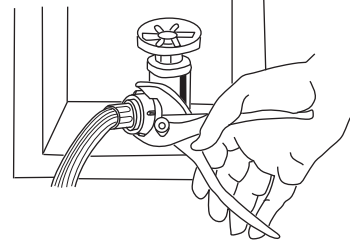
INSTALLATION AND ACCESSORY PARTS

Install the water inlet hose

1. Insert a new flat washer into each end of the inlet hoses. Firmly put the washers in the coupling.

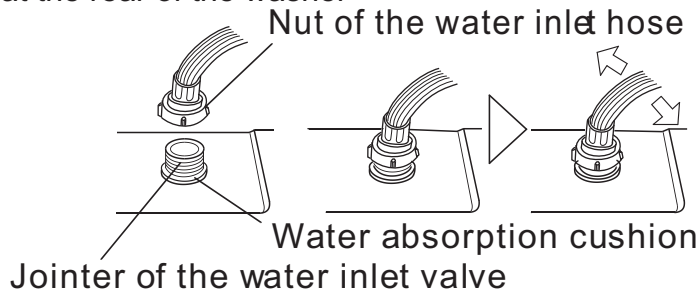
Note:

- Use the new hose sets supplied with the washer. Any other old hose sets should not be used.
- You may have to use pliers to tighten the coupling. Do not over tighten because you may cause damage to the valve.



2. Connect the water inlet hoses to the water faucet.

3. Connect the other ends to their respective cold and hot water inlet valve located at the rear of the washer



4. Fasten the nut. Swing it gently to confirm if it's suitable.

Check the connection between the water inlet hose and the water tap

1. Swaying the hose gently to confirm if it is fastened stable.
2. After installation, open the tap to check if it leaks.
3. Do not bend the hose with overstrain.
4. Before each usage please check if the connection between the water inlet hose and the water tap, and the connection between the water inlet hose and washer are firm, so as to prevent dropping from improve Installation position.



Take down the water inlet hose

1. Close the water tap.
2. Pull off the water inlet hose from the water tap and washer

Parts and functions

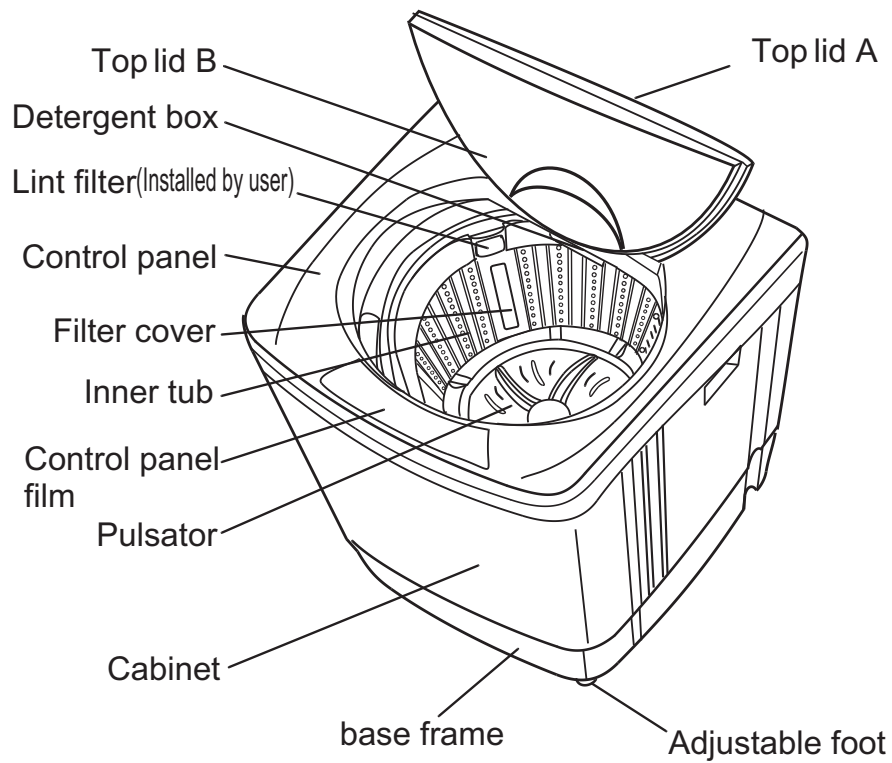


Figure 1

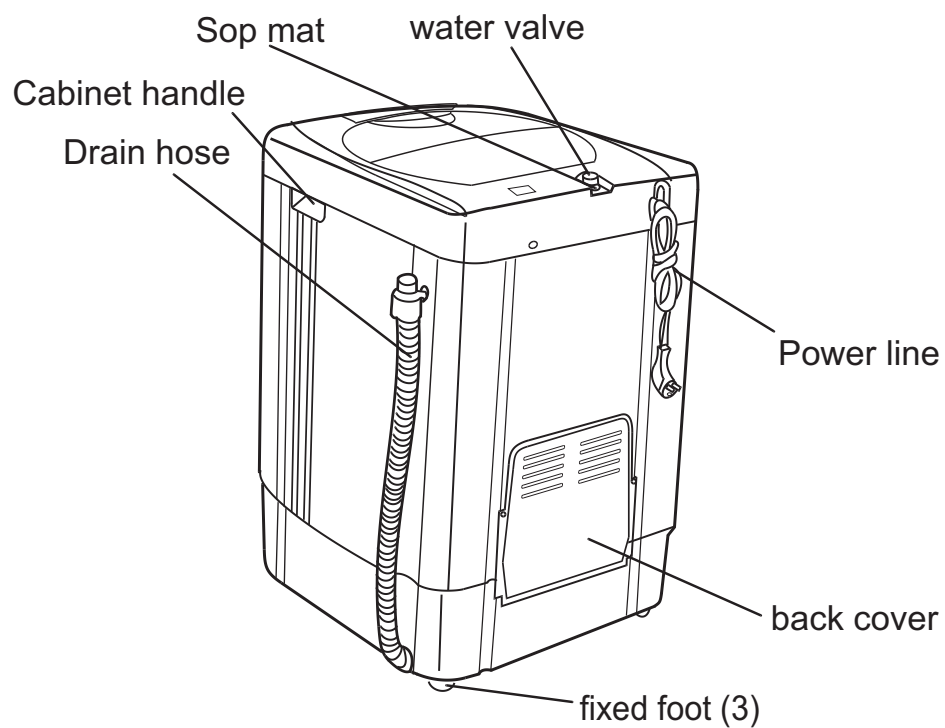


Figure 2

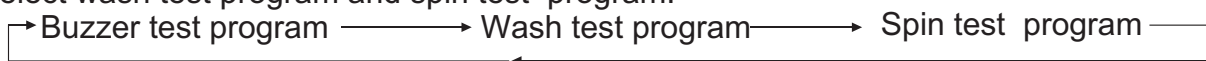
Maintenance service and trouble shooting

1. Trouble alarm and solve method

Phenomena		The reason	How to settle
Buzzing upon reservation starts, Nixie tube indicates "E0"		<ul style="list-style-type: none"> ● The top lid is not closed 	<ul style="list-style-type: none"> ● Close the top lid
No or slow drain, nixie tube indicates "E1", buzzing.		<ul style="list-style-type: none"> ● Is the drain hose put down? ● Is the drain hose blocked by foreign material? 	<ul style="list-style-type: none"> ● Put down the drain hose. Open and close the top lid once. ● Clean the foreign material. Open and close the top lid once.
Running pauses during spin, nixie tube indicates "E2", buzzing		<ul style="list-style-type: none"> ● The top cover leaves open 	<ul style="list-style-type: none"> ● Close the top lid
Safety switch actuates, not spin, (after self-correction twice), nixie tube displays "E3", buzzing		<ul style="list-style-type: none"> ● Are the laundries put slantingly? ● Is the machine slanting? 	<ul style="list-style-type: none"> ● Re-order the laundries. Close the top lid. ● Level the machine in right position. Open and close the top lid once.
No or slow water filling (not reaching the level in 15 min), nixie tube indicates "E4", buzzing		<ul style="list-style-type: none"> ● The water tap is not open ● The water inlet valve is blocked ● The water pressure is too low and the current is too small 	<ul style="list-style-type: none"> ● Open the water tap. Push the START/PAUSE button. ● Clean the water inlet valve. Push the START/PAUSE button. ● Wait for the normal water pressure before use.
The machine does not act	Not wash	<ul style="list-style-type: none"> ● Is there power failure? ● Is the power plug loose? ● Does the water level arrive at the set water level? 	<ul style="list-style-type: none"> ● Use it when the power is on. ● Insert the power plug tightly. ● Affusion to the set water level.
	Not spin	<ul style="list-style-type: none"> ● Is the power plug loose? ● Is the top lid closed? ● Are the laundries put orderly? 	<ul style="list-style-type: none"> ● Insert the power plug tightly. ● Close the top lid ● Put the laundries orderly.
There's abnormal sound inside the machine		<ul style="list-style-type: none"> ● Is the machine slanting? ● Are the laundries slanting in spinning? 	<ul style="list-style-type: none"> ● Level the machine properly. ● Re-order the laundries.
The water faucet leaks		<ul style="list-style-type: none"> ● Is the jointer screw of the water inlet hose is loose or twisted awry? 	<ul style="list-style-type: none"> ● Fasten the jointer screw properly.

2. Test program (test without water)

Push and hold the PROGRAM SELECTION and PROCEDURE SELECTION buttons, then push down the power switch to enter buzzer Test program. Push the PROCEDURE SELECTION to select wash test program and spin test program.



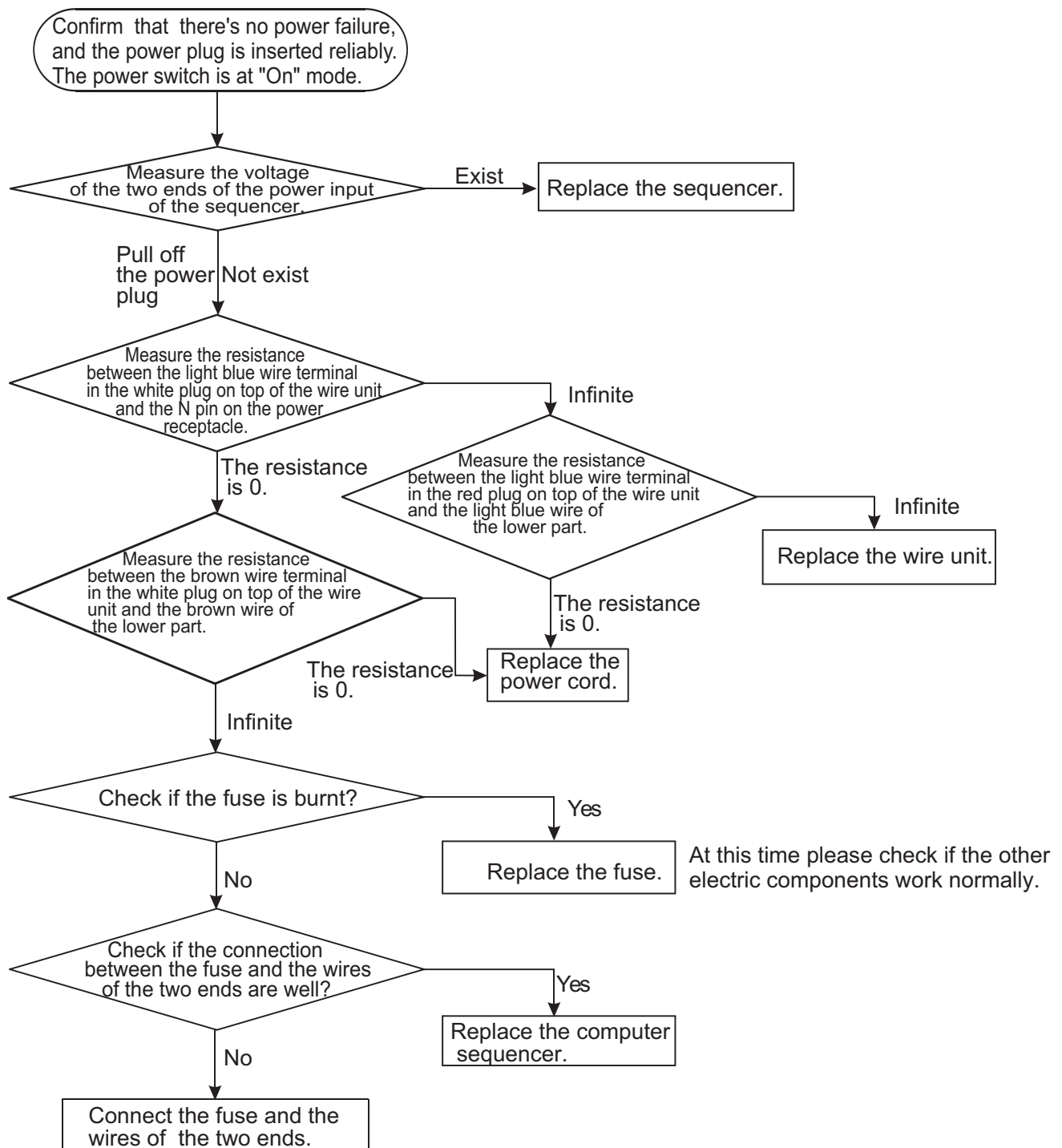
Test name	Test content
Buzzer Test program	The buzzer rings once. All of the indicators flash. After 3 seconds, nixietube displays 88, all of the indicators flash and the buzzer rings intermittebtly 3 times (0.3s connected, 0.3s shutoff). The power is switched off automatically after finishing.
Wash Test program	The WASH indicator flashes; the STANDARD indicator is on. Run washing with water for 5 minutes. During washing, you can change the current selection by the PROGRAM SELECTION button
Spin Test program	The STANDARD indicator is on; WASH and RINSE indicators flash. Run spinning without water for 5 minutes. The alarm during that procedure is the same as the alarm in normal spinning program.

Maintenance service and trouble shooting

3. Trouble-shooting charts

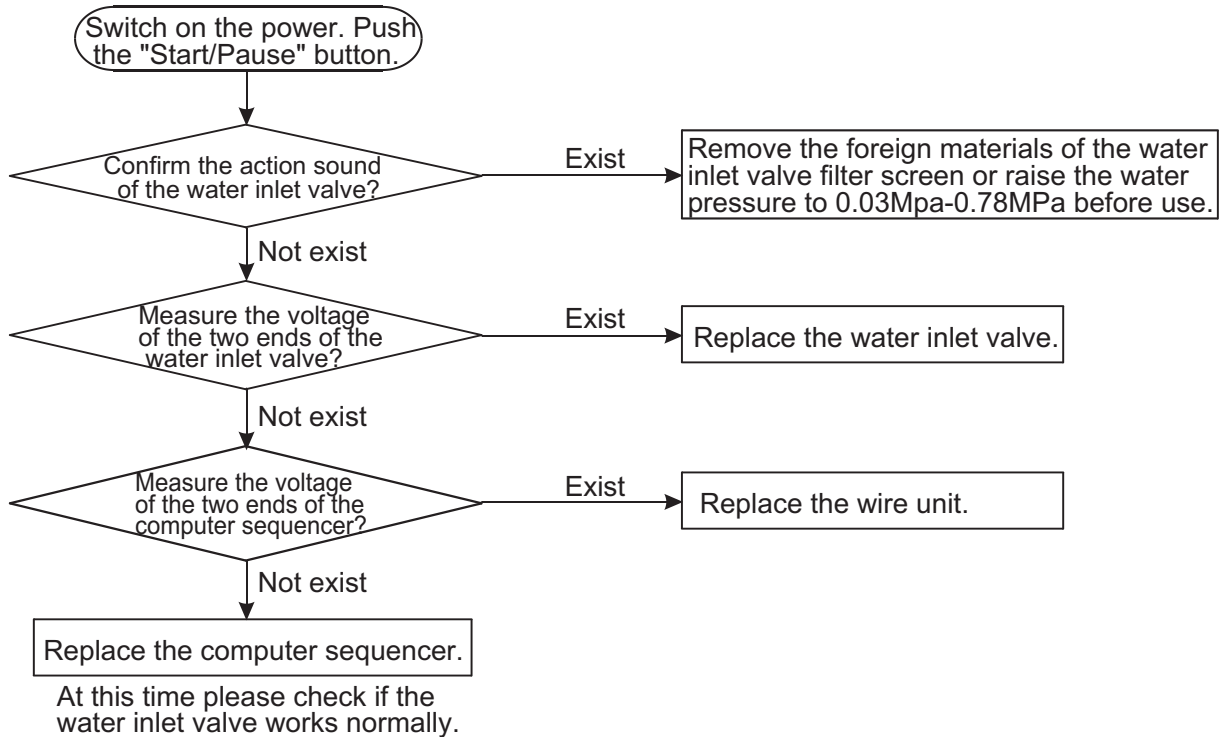
If you replace the computer sequencer without checking the other components carefully, the computer sequencer may be damaged again. Therefore, please first check if the other components working normally before replacing the computer sequencer in maintenance.

1. No action(The indicator is off)

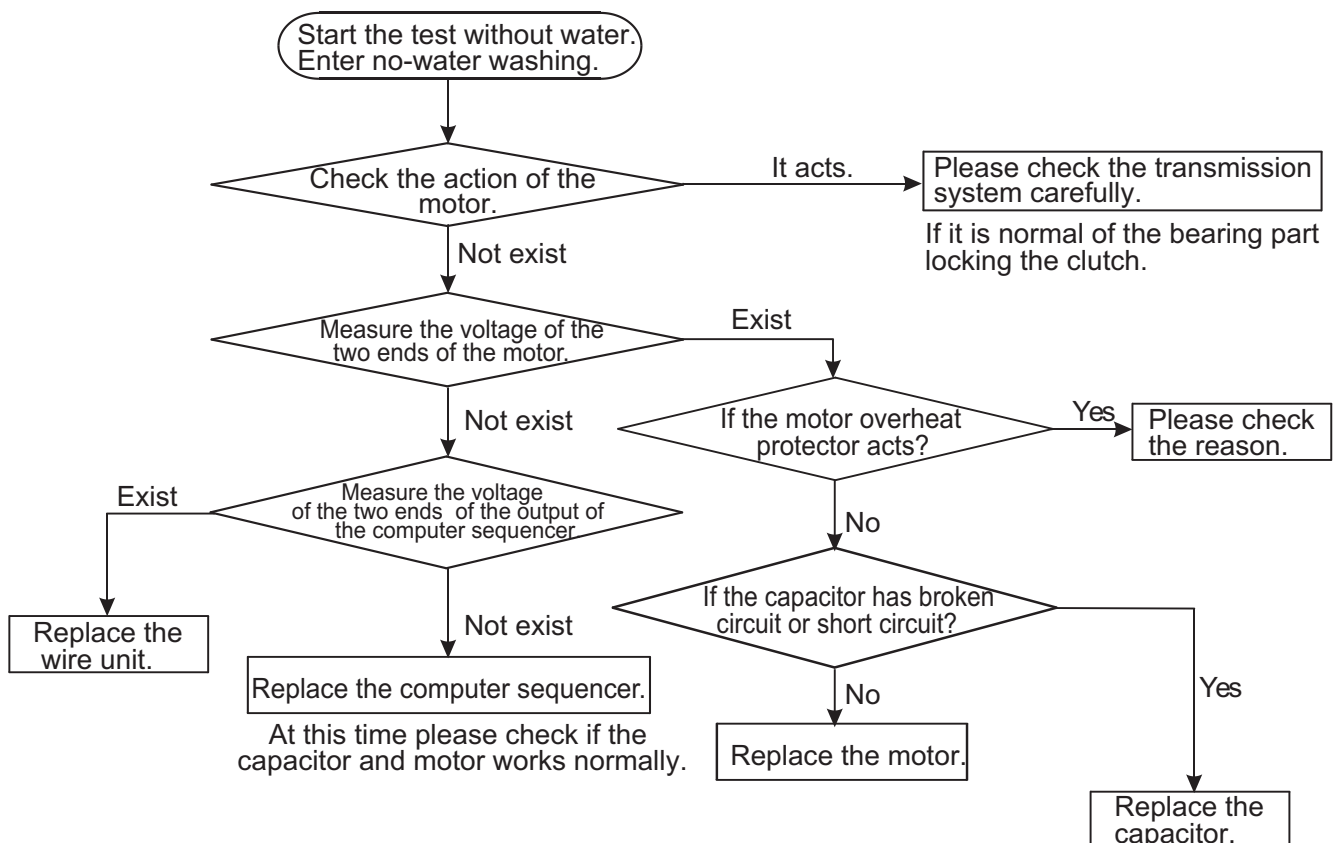


Maintenance service and trouble shooting

2. No water filling

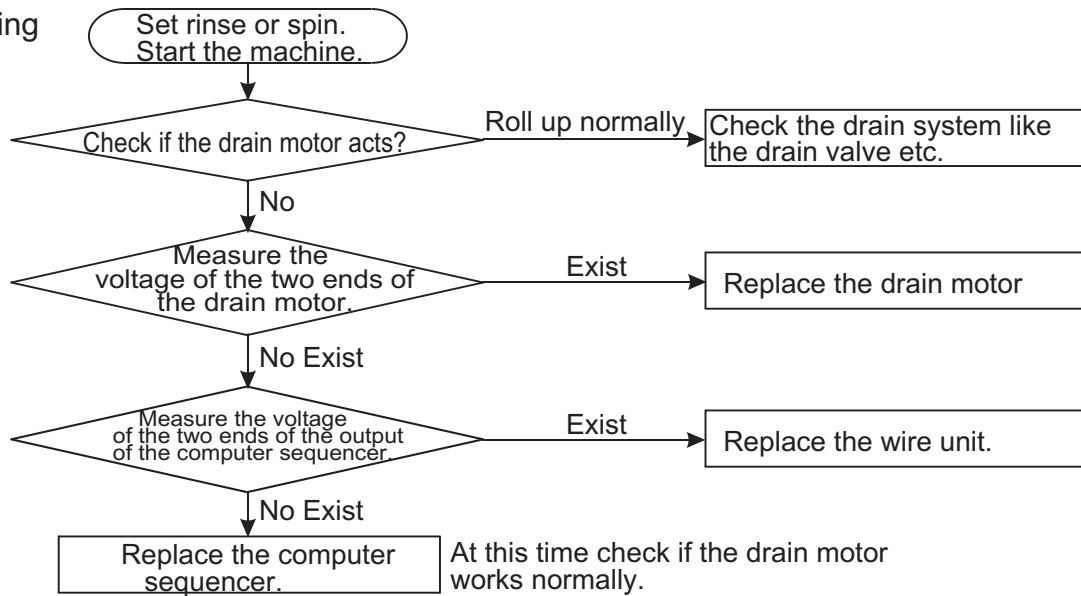


3. No rotation in washing (or rotate to one direction only)

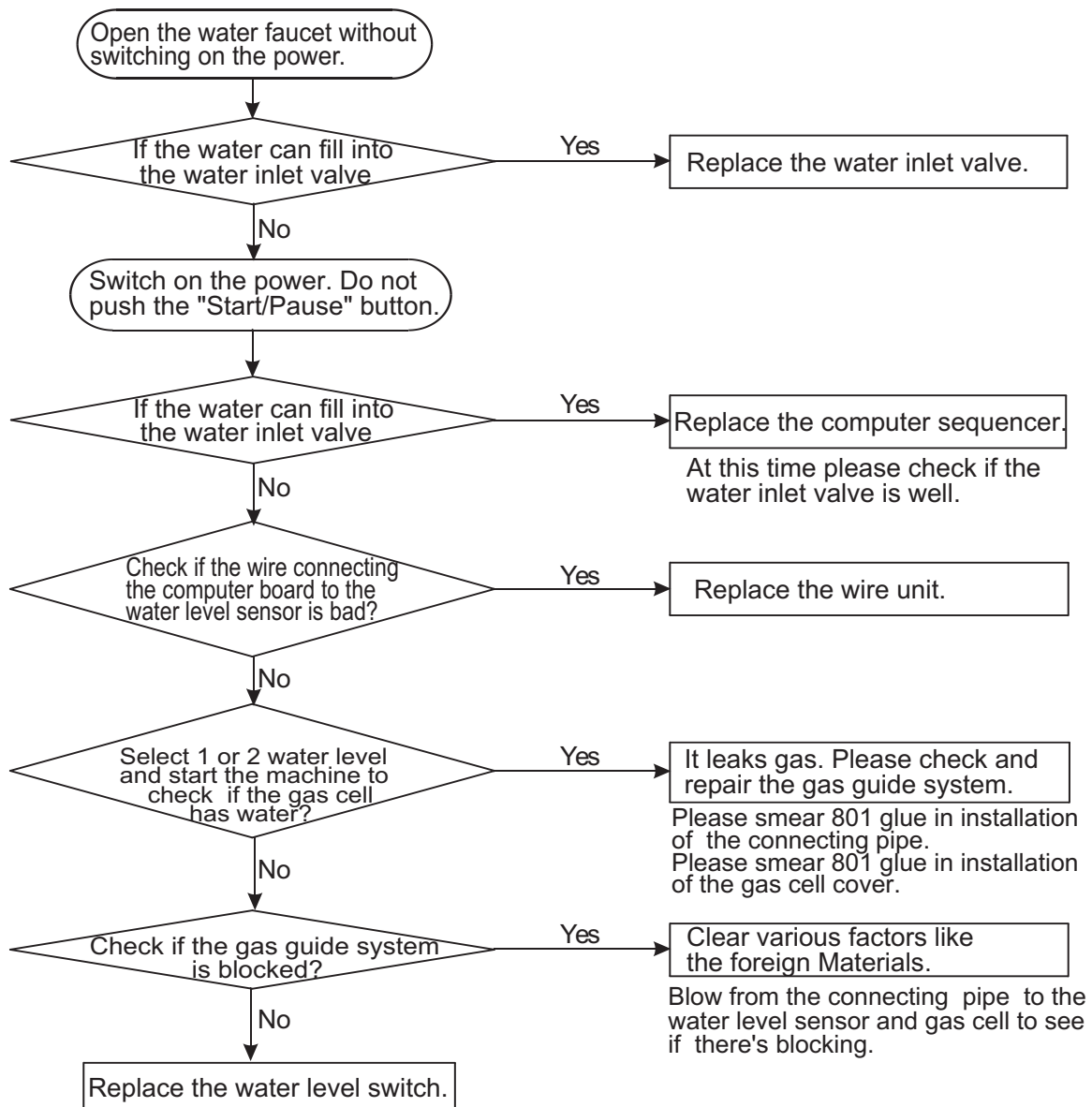


Maintenance service and trouble shooting

4. No draining

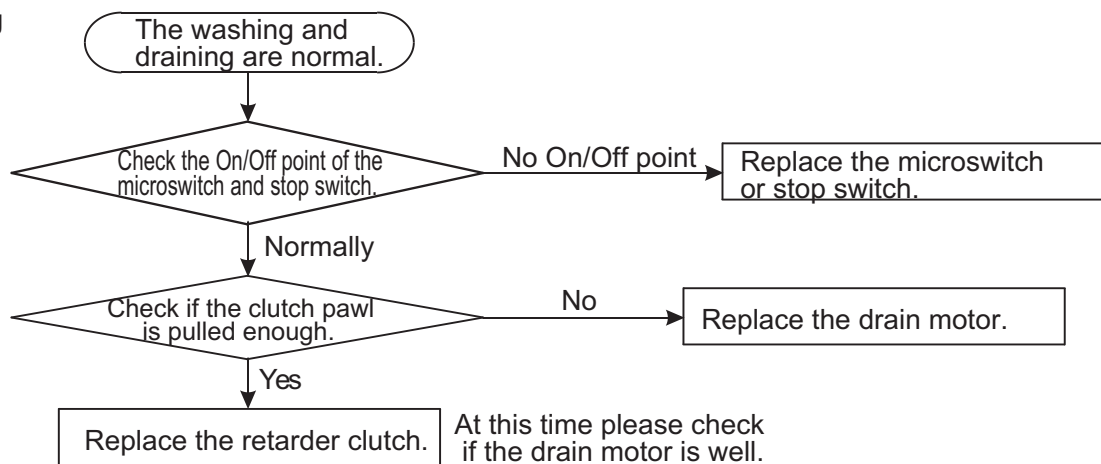


5. Keep filling water

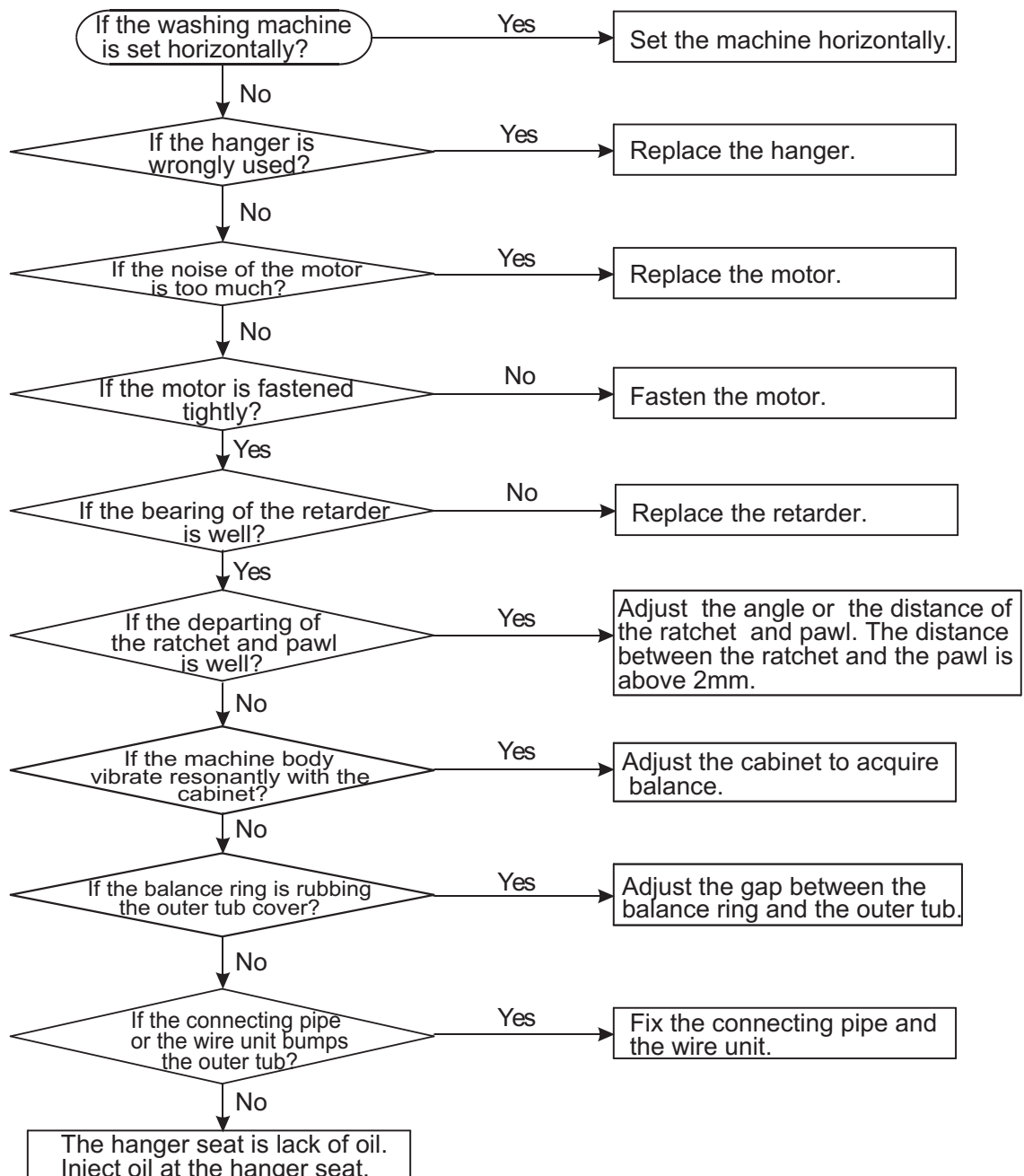


Maintenance service and trouble shooting

6. No spinning

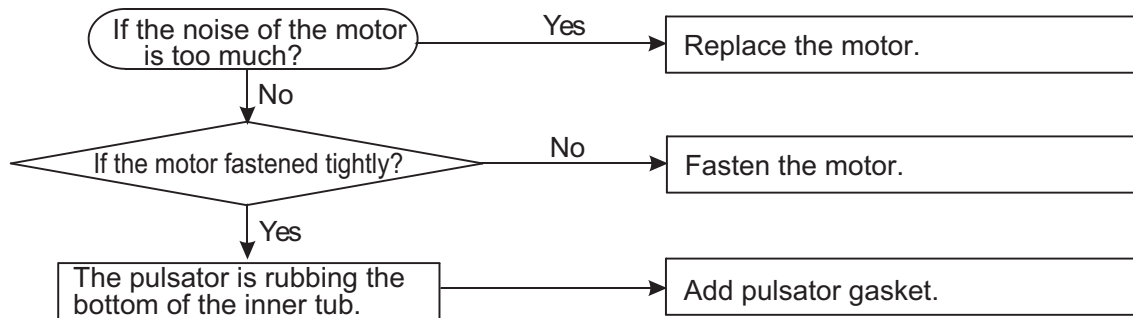


7. Too much spinning noise



Maintenance service and trouble shooting

8. Too much noise in washing



Wiring diagram

The capacitor coil L is used to protect the circuit, please do not dismantle it

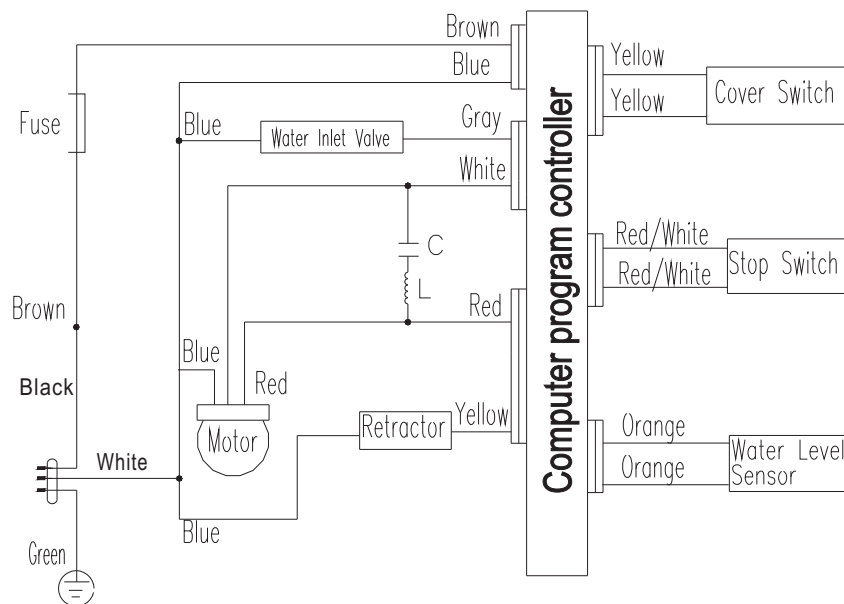


Figure 1

- There is overload protector installed in the motor. In case that the motor is overload or meets breakdown in working, the protector will act and stop the motor. When the breakdown is removed, the motor will resume normal working.
- Actual Circuit Diagram

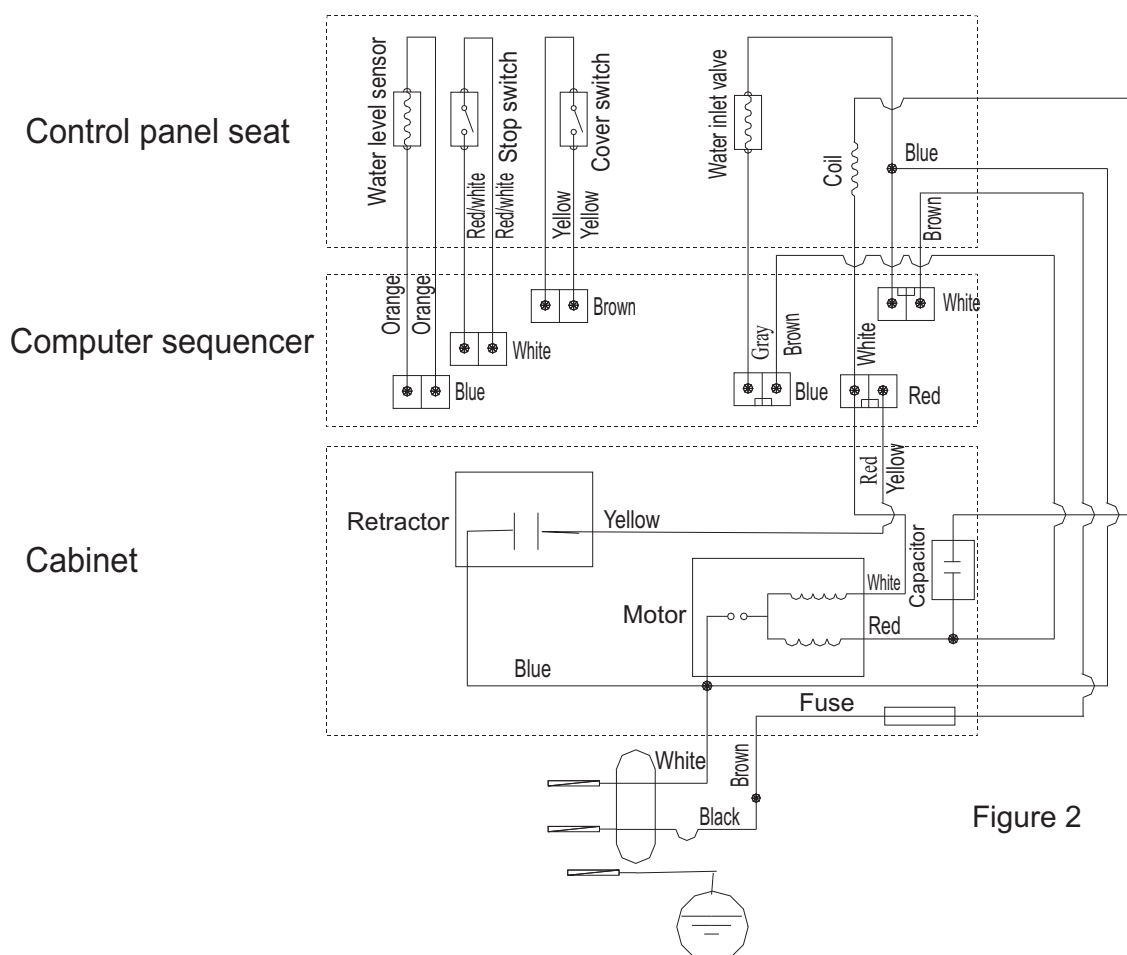


Figure 2